

Interview Summary	Application No. 10/085,110	Applicant(s) COMPASSI, JEAN-JACQUES	
	Examiner Bradley J. Van Pelt	Art Unit 3682	

All participants (applicant, applicant's representative, PTO personnel):

(1) Bradley J. Van Pelt.

(3) Mardson McQuay.

(2) Tom Hannon.

(4) ____.

Date of Interview: 18 May 2005.

Type: a) ☐ Telephonic b) ☐ Video Conference
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: ____.

Claim(s) discussed: all pending claims.

Identification of prior art discussed: JP 10-220480, Daikuhara (USPN 6,402,386).

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

- (1) Agreed that amended claims 1 and 9, as attached herein, overcome the immediate prior art.
- (2) Discussed the limitation "closed conduit" in regards to claim 29 and agreed that the limitation is not new matter.
- (3) Discussed new matter rejection and did not reach an agreement. Applicant reserves right to file a petition.
- (4) Agreed that if applicant cancels claims 3, 8, 11, 16, and 22, 112 2nd paragraph rejections as to those claims will be withdrawn. Agreed proposed amendment, as attached herein, will overcome 112 and paragraph rejections to claims 7, 15, 20, and 26.
- (5) Agreed that finality of the prior office action has been withdrawn.

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended) A cage with a storage space for a lubricant having an axis of rotation along an axial axis of said cage, said cage comprising:

two chambers configured to house two rotating elements, each of the two chambers
having an opening on a first side of the cage ^{substantially parallel} ~~oriented toward~~ the axis of rotation of the cage;
and

at least one substantially closed storage space for lubricant between the two chambers
~~for rotating elements~~, said storage space comprising an inner wall, two lateral walls, an outer
wall, and at least one outlet for the lubricant, wherein ~~an opening of the~~ at least one outlet is
oriented substantially ^{parallel to} ~~along~~ the axis of rotation and has an opening on the same side of the
cage as the openings of the two chambers.

Claim 2 (Previously Presented) The cage as claimed in claim 1, wherein said at least one outlet extends generally in a radial direction of said cage.

Claim 3 (Canceled)

Claim 4 (Previously Presented) The cage as claimed in claim 1, wherein said inner wall is generally locally perpendicular to a radial axis of said cage, and said lateral walls are generally perpendicular to said inner wall.

Claim 5 (Previously Presented) The cage as claimed in claim 1, wherein said storage space is a recess that widens outwardly from a bottom to an opening of said storage space.

outlet
axis

inner

axis
rotation

Claim 6 (Previously Presented) The cage as claimed in claim 1, wherein said at least one outlet extends generally in a radial direction of said cage and is shaped as a slot that extends parallel to said axis of rotation.

Claim 7 (Currently Amended) The cage as claimed in claim 1, wherein said ~~storage~~ ^{one outlet comprises} ~~space~~ comprises a plurality of slots that divide ~~an external face of~~ ^{the} outer wall of said storage space into generally identical surface portions.

Claim 8 (Original) [↑] The cage as claimed in claim 1, wherein said outlet extends in a tangential direction of said cage and ~~opens into one of said two chambers.~~

Claim 9 (Currently Amended) A roller bearing comprising a cage with a storage space for a lubricant having an axis of rotation along an axial axis of said cage, said cage comprising:

two chambers configured to house two rotating elements, each of the two chambers having an opening on a first side of the cage oriented toward the axis of rotation of the cage;
and

at least one storage space for lubricant between the two chambers ~~for rotating~~ elements, said storage space comprising an inner wall, two lateral walls, an outer wall and at least one outlet for the lubricant, wherein ~~an opening of the~~ at least one outlet is oriented substantially along the axis of rotation and has an opening on the same side of the cage as the openings of the two chambers.

Claim 10 (Previously Presented) The roller bearing as claimed in claim 9, wherein said at least one outlet extends generally in a radial direction of said cage.

Claim 11 (Canceled)

Claim 12 (Previously Presented) The roller bearing as claimed in claim 9, wherein said inner wall is generally locally perpendicular to a radial axis of said cage, and said lateral walls are generally perpendicular to said inner wall.

Claim 13 (Previously Presented) The roller bearing as claimed in claim 9, wherein said storage space is a recess that widens outwardly from a bottom to an opening of said storage space.

Claim 14 (Previously Presented) The roller bearing as claimed in claim 9, wherein said at least one outlet extends generally in a radial direction of said cage and is shaped as a slot that extends parallel to said axis of rotation.

Claim 15 (Currently Amended) The roller bearing as claimed in claim 9, wherein said storage space comprises a plurality of slots that divide an external face of the outer wall of said storage space into generally identical surface portions.

Claim 16 (Canceled)

Claim 17 (Original) The roller bearing as claimed in claim 9, wherein said roller bearing comprises means for operating said roller bearing in a depressurized state.

Claim 18 (Canceled)

Claim 19 (Canceled)

Claim 20 (Currently Amended) A cage with a storage space for a lubricant having an axis of rotation along an axial axis of said cage, said cage comprising:

at least one substantially closed storage space for lubricant between two chambers for rotating elements, said storage space comprising an inner wall, two lateral walls, an outer wall, a bottom, an opening, and at least one outlet for the lubricant, wherein the at least one outlet is disposed on the outer wall extending from an edge portion of ^{the} outer wall adjacent to the opening toward the bottom.

Claim 21 (Previously Presented) The cage as claimed in claim 20, wherein said at least one outlet extends generally in a radial direction of said cage.

Claim 22 (Canceled)

Claim 23 (Previously Presented) The cage as claimed in claim 20, wherein said inner wall is generally locally perpendicular to a radial axis of said cage, and said lateral walls are generally perpendicular to said inner wall.

Claim 24 (Previously Presented) The cage as claimed in claim 20, wherein said storage space is a recess that widens outwardly from a bottom to an opening of said storage space.

Claim 25 (Previously Presented) The cage as claimed in claim 20, wherein said at least one outlet extends generally in a radial direction of said cage and is shaped as a slot that extends parallel to said axis of rotation.

Claim 26 (Previously Presented) The cage as claimed in claim 20, wherein said storage space comprises a plurality of slots that divide an external face of said storage space into generally identical surface portions.

Claim 27 (Canceled)

Claim 28 (Currently Amended) A roller bearing comprising a cage with a storage space for a lubricant having an axis of rotation along an axial axis of said cage, said cage comprising:

at least one storage space for lubricant between two chambers for rotating elements, said storage space comprising an inner wall, two lateral walls, an outer wall and at least one outlet for the lubricant, wherein the at least one outlet is disposed on the outer wall extending from an edge portion of the outer wall adjacent to the opening.

Claim 29 (Currently Amended) A cage with a storage space for a lubricant having an axis of rotation along an axial axis of the cage, the cage comprising:

a substantially closed storage space for lubricant between a first chamber and a second chamber, the storage space comprising an inner wall, a first lateral wall, a second lateral wall, an outer wall, a bottom, an opening, a first tubular conduit, and a second tubular conduit, wherein an end of the first tubular conduit opens into the first lateral wall and the other end opens into the first chamber, an end of the second tubular conduit opens into the

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Proposed claims for the personal interview of May 18, 2005.

second lateral wall and the other opens into the second chamber, and lubricant from the substantially closed space is supplied to the first and second chambers via each of the tubular conduits.

Claim 30 (New) The cage according to claim 29, wherein said tubular conduits extend in a tangential direction of said cage.

Claim 31 (New) A cage with a storage space for a lubricant having an axis of rotation along an axial axis of the cage, the cage comprising:

at least two chambers, each of the at least two chambers being configured to house a rotating element; and

~~storage~~ storage means for storing a lubricant for the rotating elements.